UNECE work on SDG monitoring and data integration

March 2017

Lidia Bratanova, Director, Statistical Division
Measuring Sustainable Development

- UNECE’s work on measuring Sustainable Development started in 2005
- CES Recommendations (2013)
- Declaration of the role of NSOs in measuring and monitoring SDGs (2015)
- Adjusting CES Recommendations to SDGs (2015)
- Steering Group on statistics for SDGs (2016)
Forthcoming events

- Expert meeting on statistics for SDGs – Geneva, 10-12 April 2017

- Workshop on statistics for SDGs (for SEE and EECCA countries) – Geneva, 12-13 April 2017

- 65th plenary session of the Conference of European Statisticians (CES) – Geneva, 19-21 June 2017
CES Steering Group on Statistics for SDGs

- Switzerland and USA (co-Chairs), Canada, Denmark, France, Germany, Italy, Kyrgyzstan, Mexico, Netherlands, New Zealand, Poland, Moldova, Russia, Sweden, Turkey, UK, Eurostat, OECD and UNECE

- Aim: Guide the CES work on statistics for SDGs - what, who, when, with whom needs to be done

- Prepare a **Road map** on official statistics for SDGs [*currently under consultation among CES members*]

- Follow-up on the implementation of the road map
Road map on statistics for SDGs

Living document with 6 substantive sections:

- Establishing national mechanisms for collaboration
  - Role of NSO, dialogue with policymakers and institutional arrangements for reporting

- Assessing readiness to report on global SDG indicators
  - Identify data providers and data sources
  - Address data disaggregation requirements

- Developing regional, national and sub-national indicators
  - How to decide upon national indicators, criteria to be used, considerations of regional indicators in UNECE region, dissemination
Road map on statistics for SDGs

- Reporting on global SDG indicators
  - National reporting mechanisms
  - Data flow models

- Building statistical capacity for indicator reporting
  - Strategy for capacity building at national level
  - Identify partnerships

- Communication of statistics for SDGs
  - Communication strategy
  - Communication with policymakers
Road map on statistics for SDGs

- Every section contains recommendations to NSOs + actions for Steering Group or other involved actors (UNECE, OECD, Eurostat, UNSD, etc.)

- Electronic consultation with CES members
  - To be revised after the April Expert Meeting

- CES to approve the first edition in June 2017
Survey on NSOs’ strategies and plans related to statistics for SDGs

- 61 countries replied in total
  (UNECE+OECD: 57 countries, 92%)

- Preliminary results –
  Assessment on availability of indicators
  - 66%: carried out
  - 22%: will carry it out in 2017
  - 7%: waiting for further guidelines from UN or government
  - 2%: relying on custodian agencies
  - 3%: other reasons

March 31, 2017
Outputs of the Steering Group’s work

- First version of the Road Map
- Organisation of Expert Meeting on statistics for SDGs
- Self-assessment template for countries on availability of global SDG indicators
- Survey on NSOs’ strategies and plans related to statistics for SDGs
- Public Wiki on statistics for SDGs
- Set up a Task Force on reporting SDG indicators using NRPs
TF on National Reporting Platforms

- Members: Poland (chair), Canada, Germany, Mexico, Sweden, UK, USA, UNSD and UNECE

- Objective: Facilitate countries’ decision about national reporting mechanisms regarding SDG indicators, specifically about the development of national reporting platforms

- Phase 1:
  - Technical Description of National Reporting Platforms
  - Guidelines for national SDG indicators reporting mechanisms
    - To be presented at Expert Meeting in April 2017 and CES in June 2017

- Phase 2: Assist other countries replicating best practices identified in the first phase
Data to support SDGs

- The range of indicators and level of detail in the breakdowns mean that traditional data sources will often not be sufficient

- New data sources are often seen as unreliable and inconsistent over time

- Solution: a blend of traditional and new data sources, combined with statistical modelling
Data integration

- Statistics based on a blend of
  - Survey data
  - Administrative data
  - New data / Big Data
  - Geospatial data
  - Modelled data
  - .....
Data integration project

- Under the High-Level Group for the Modernisation of Official Statistics
- Part of the modenstats initiative
- 13 countries + Eurostat + UNECE
- Led by Jenine Borowik (formerly ABS)
Data integration project - deliverables

- Development of an on-line guide (end 2017)
  - Quality measures for integrated data
  - Methodology – leading to CSPA-compliant tools
  - Data security and trust issues
  - On-line training resources

- Experiments
  - Geo-spatial and statistical data
  - Urban statistics
  - Prices data (survey + scanner data + web-scraping)
Integrating standards?

- UNECE / UN-GGIM: Europe Workshop on Integrating Geospatial and Statistical Standards
- Stockholm, 6-8 November
- 4 topics:
  - Introducing statistical and geospatial standards
  - Examples of integrating standards
  - Challenges and solutions for creating geospatial statistical outputs
  - Future work on statistical and geospatial standards
Geospatial work at UNECE

- Expert Group on GIS until 2001
- Data integration within the HLG on Modernisation - currently
- ECOSOC resolution in July 2016 – expecting a mandate end of April 2017 for closer work with UN-GGIM:Europe
More information

- CES Recommendations on Measuring Sustainable Development
  http://www.unece.org/publications/ces_sust_development.html
- CES Steering Group on statistics for SDGs (including the Road Map)
- Statistics for SDGs wiki
  http://www1.unece.org/stat/platform/display/SFSDG
- Data Integration wiki
  http://www1.unece.org/stat/platform/display/DI
- Expert meeting on statistics for SDGs
  https://www.unece.org/index.php?id=45249